## **EAST Search History**

## **EAST Search History (Prior Art)**

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	10/562908	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/05 13:42
S2	4	( sio2 or "sio.sub.2" or silica) with filter\$3 with (compact\$3 or compress\$3) same insulat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/05 13:44
S3	20	( sio2 or "sio.sub.2" or silica) with (filter \$3 or cake) with (compact\$3 or compress\$3 or dry \$3) same insulat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/05 13:46
S4	15	("2462538"   "2586726"   "2904444"   "3009872"   "3095312").PN. OR ("3923674").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/11/05 13:50
S5	7	("2586726").URPN.	USPAT	OR	ON	2008/11/05 13:54
S6	0	( silica or sio2 oe "sio. sub.2") same filter\$3 same dry43 with cale	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/02 09:09
S7	1431	( silica or sio2 oe "sio. sub.2") same filter\$3 same (dry\$3 or heat \$3) with cake	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/02 09:09
<b>S</b> 8	108	( silica or sio2 oe "sio. sub.2") same filter\$3 same (dry\$3 or heat \$3) with cake and insula\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/02 09:10
S9	76	( silica or sio2 or "sio. sub.2") same filter\$3 same (dry\$3 or heat \$3) with cake and insula\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/02 09:14

S10	0	sub.2") same filter\$3 same compact43	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/02 09:50
S1 1	19	sub.2") same filter\$3 same compact\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/02 09:50
S12	23	( silica or sio2 or "sio. sub.2") same compact \$3 same cake and insula\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/02 10:20
S13	70	filter\$3 same compact \$3 same cake and insula\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/02 10:25
S14	20	("1956895"   "2919996"   "2943948"   "2948701"   "3033700"   "3102037"   "3129134"   "3707386"   "3990903").PN. OR ("4366136").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/02
S15	20	filter\$3 same compact \$3 same cake same pressure and insula \$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/02 10:32
S16	2	"4636415".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/02 10:35
S17	35630	( press43 or compact \$3 or pressure) same ( cake or filter\$3) same ( sio2 or "sio. sub.2" or silica)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/02 10:58
S18	1339	( press43 or compact \$3 or pressure) same ( cake or filter\$3) same ( sio2 or "sio. sub.2" or silica)and insulat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/02 10:58

S19	105	( press43 or compact \$3 or pressure) same ( cake or filter\$3) same ( sio2 or "sio. sub.2" or silica) same insulat\$4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/02 10:58
S20	4	( press43 or compact \$3 or pressure) same ( cake or filter\$3) same ( sio2 or "sio. sub.2" or silica) same insulat\$4 and "252"/\$. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR		2009/02/02 10:59
S21	12428	insulat\$4 and "252"/\$. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/02 10:59
S22	124	insulat\$4 and "252"/\$. ccls. and filter\$3 adj cake	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/02 11:00
S23	1284	252/62.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/02 11:03
S24	11	252/62.ccls.and ( press\$3 or compact \$3) with filter\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/02 11:04
S25	15	("2462538"   "2586726"   "2904444"   "3009872"   "3095312").PN. OR ("3923674").URPN.	US-PGPUB; USPAT; USOCR	OR		2009/02/02 11:10
S26	76	( silica or sio2 or "sio. sub.2") same cake same precipi\$5 and insula\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/02 11:12
S27	24	( silica or sio2 or "sio. sub.2") same cake same precipi\$5 same ( press\$3 or compress \$3) and insula\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/02 11:15
S28	0	+ 4636415.pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/02 11:18
S29	2	"4636415".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/02 11:18

S30	565	precipita\$3 with ( silica or sio2 or "sio. sub.2") and ( bet same ctab)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/02 11:43
S31	21	precipita\$3 with ( silica or sio2 or "sio. sub.2") and ( bet same ctab) and insulation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/02 11:44
S32	48	("2067015"   "2164143"   "2474910"   "2513749"   "2768046"   "2779066"   "2867035"   "2961116"   "2989156"   "3094071"   "3166511"   "3179549"   "4159359"   "4349051"   "4380569"   "4399175"   "44444821").PN. OR ("4636415").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/02 11:49
S33	11	precipita\$3 with ( silica or sio2 or "sio. sub.2") and S32	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/02 11:51
S34	0	precipita\$3 with ( silica or sio2 or "sio. sub.2") and \$32 and ( silica or sio2 or "sio. sub.2")same (CTAB and bet)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/02 11:51
S35	130971	pr ( silica or sio2 or "sio.sub.2")same (CTAB and bet)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/02 11:52
S36	788	( silica or sio2 or "sio. sub.2")same (CTAB and bet)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/02 11:52
S37	58	( silica or sio2 or "sio. sub.2")same (CTAB and bet)and insula\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/02 11:52

S38	15	("2462538"   "2586726"   "2904444"   "3009872"   "3095312").PN. OR ("3923674").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/05 13:49
S39	8	S38 and silica	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/05 13:50
S40	17201	filter\$3 with press\$3 and insulat\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/05 13:57
S41	1041	filter\$3 with press\$3 and insulat\$5 same ( sio2 or "sio.sub.2" or silica)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/05 13:58
S42	240	filter\$3 with ( press or pressing or pressed) and insulat \$5 same ( sio2 or "sio.sub.2" or silica)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/05 13:58
S43	127	filter\$3 with ( press or pressing or pressed) and insulat \$5.ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/05 13:58
S44	40	S43 and ( sio2 or "sio. sub.2" or silica)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/05 13:59
S46	386	(precipitated adj silica or sio2 or "sio. sub.2") same insulation same ( common or prefer \$3 or improvement)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/05 115:55
S47	19	S46 and insulation.ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/05 15:56
S48	4	"3001882".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/05 16:19
S49	5412	filter same cake same ( bar or pressure ) same ( degree or temperature)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/06 08:46

S50	92	filter same cake same ( bar or pressure ) same ( degree or temperature) and insulation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/06 08:47
S51	5	filter same cake same ( bar or pressure ) same ( degree or temperature) and insula\$4.ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/06 08:50
S52	23	( silica or sio2 or "sio. sub.2") same ( bet and ctab) and insulation	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/10 11:58
S53	449	( silica or sio2 or "sio. sub.2") same ( bet and ctab) and( heat or thermal)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/10 12:00
S54	13	( silica or sio2 or "sio. sub.2") same ( bet and ctab) and( heat or thermal) with insul \$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/10 12:00
S55	28	( silica or sio2 or "sio. sub.2") same ( ctab) and( heat or thermal) with insul\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/10 12:23
\$56	35	("1590132"   "2432981"   "2523085"   "2586726"   "2633433"   "2904444"   "3157566"   "3344016"   "3367871"   "3394047"   "3419495"   "3901991"   "3902913").PN. OR ("3965020").URPN.	US-PGPUB; USPAT; USOCR	OR	0 0 0	2009/02/10 12:42
S57	442		US-PGPUB; USPAT; USOCR	OR	ON	2009/02/10 12:45
S58	212	( silica or sio2 or "sio. sub.2") with ( heat\$3 or dry\$3 ) with ( stepwise or rate or speed) same insula\$7	US-PGPUB; USPAT; USOCR	OR	ON	2009/02/10 12:52

S59	124	insulat\$4 and "252"/\$. ccls. and (filter\$3 adj cake)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/10 16:43
S60	5145	shannon.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/10 16:46
S61	35	shannon.in. and filter \$3 with press	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/10 16:46
S62	5	"5403570".pn. "5547502".pn. "4495167".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/10 17:01
S63	1284	252/62.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/10 17:24
S64	316	252/62.ccls. and (silica or sio2 or "sio. sub.2")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/10 17:24
S65	76	252/62.ccls. and (silica or sio2 or "sio. sub.2") and ( cake or filter\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/10 17:24
S66	0	252/62.ccls. and (silica or sio2 or "sio. sub.2") and tempertaure with rate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/10 17:57
S67	54	252/62.ccls. and (silica or sio2 or "sio. sub.2") and temperature with rate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/10 17:57
S68	3307	( dry43 or heat\$3) same (silica or sio2 or "sio.sub.2") same temperature with rate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/10 18:19
S69	163	( dry43 or heat\$3) same (silica or sio2 or "sio.sub.2") same temperature with rate same ( benefit or improve\$5 or prefer\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/10 18:19

S70	54	( dry43 or heat\$3) same (silica or sio2 or "sio.sub.2") same temperature with rate same ( benefit or improve\$5 or prefer\$3) and insulat \$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/10 18:20
S71	1284	252/62.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/11 13:18
S72	22	252/62.ccls. and precipitated adj ( silica or sio2 or "sio. sub.2")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/11 13:19
S73	1284	252/62.ccls. ancak with ( filter\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/11 13:22
S74	7	252/62.ccls. and cake with ( filter\$6)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/11 13:22
S75	2053	( silica or sio2 or "sio. sub.2") with ( dry\$3 or heat\$3) with rate	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/12 08:07
S77	644	( silica or sio2 or "sio. sub.2") with ( dry\$3 or heat\$3) with rate with temperature	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/12 08:08
S78	160	( silica or sio2 or "sio. sub.2") with ( dry\$3 or heat\$3) with rate with temperature same (better benefit \$3 increase increased decrease decreased improv\$5 enhanc\$3 prefer\$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/12 08:09
S79	48	( silica or sio2 or "sio. sub.2") with ( dry\$3 or heat\$3) with rate with temperature same (better benefit \$3 increase increased decrease decreased improv\$5 enhanc\$3 prefer\$3) and insulat \$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/12 08:09

S80	5	( silica or sio2 or "sio. sub.2") with ( dry\$3 or heat\$3) with per with temperature same (better benefit \$3 increase increased decrease decreased improv\$5 enhanc\$3 prefer\$3) and insulat \$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/12 08:11
S81	64	( silica or sio2 or "sio. sub.2") with ( dry\$3 or heat\$3) with per same (better benefit \$3 increase increased decrease decreased improv\$5 enhanc\$3 prefer\$3) and insulat \$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/12 08:12
S82	6	"4495167".pn. "5403570".pn. "5587416".pn. "5547502".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/01 17:32
S83	4	S82 and pressure	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/01 17:33
S84	7625278	precipitated with ( silica or sio2 or "sio, sub.2") with ( pressure or bar) w ith filter\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/01 17:53
S85	94	precipitated with ( silica or sio2 or "sio, sub.2") with ( pressure or bar) with filter\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/01 17:54
S86	97	precipitated with ( silica or sio2 or "sio. sub.2") with ( pressure or bar) with filter\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/01 17:54
S87	16	precipitated with ( silica or sio2 or "sio. sub.2") with ( pressure or bar) with compact\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/01 17:56
S88	2	precipitated with ( silica or sio2 or "sio. sub.2") with ( pressure or bar) with pressed	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/01 17:59

S89	14	precipitated with ( silica or sio2 or "sio. sub.2") with ( pressure or bar) with compress\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/01 17:59
S90	28	filter with silica with bar	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/07 20:28
S91	82	filter\$3 with silica with bar	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/07 21:10
S92	1	filter\$3 with silica with bar and insulat \$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/07 21:10
S93	3	filter\$3 with ( sio2 or "sio.sub.2" silica) with bar and insulat \$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/07 21:11
S94	173	filter\$3 with ( sio2 or "sio.sub.2" silica) with pressure and insulat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/07 21:12
S95	0	filter\$3 with ( sio2 or "sio.sub.2" silica) with pressure and insulat\$3 and precipitaed	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/07 21:12
S96	84	filter\$3 with ( sio2 or "sio.sub.2" silica) with pressure and insulat\$3 and precipitated	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/07 21:12
S97	67	("2067015"   "2164143"   "2474910"   "2513749"   "2768046"   "2779066"   "2867035"   "2961116"   "2989156"   "3094071"   "3166511"   "3179549"   "4159359"   "4349051"   "4359496"   "4363738"   "4380569"	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/07 21:17

		"4430108"   "4444821").PN. OR ("4681788").URPN.				annanna.
S98	13	S97 and filter\$3	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/07 21:18
S99	11	S97 and precipitated	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/07 21:18
S100	15	("4636415"   "4681788").PN. OR ("5376449").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/08/07 21:19
S101	66984	( sio2 or "sio.sub.2" silica) with insulat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/07 21:20
S102	22929	( sio2 or silica) with insulat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/07 21:20
S103	780	S102 and precipitated	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/07 21:20
S104	346	S102 and precipitated and filter \$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/07 21:21
S105	50	S102 and precipitated and filter \$3 with cake	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/07 21:21
S106	2	S102 and precipitated and filter \$3 with cake with pressure	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/07 21:31
S107	1	S102 and precipitated and filter \$3 with cake with bar	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/07 21:33
S108	49	precipitated and filter \$3 with cake with bar	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/07 21:33
S109	5259	filter\$3 with ( silica or sio2 or "sio.sub.2") with pressure	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/07 21:39

S110	106	filter\$3 with ( silica or	US-PGPUB;	OR	ON	2009/08/07
		sio2 or "sio.sub.2")	USPAT; EPO;			21:40
		with pressure with	JPO; DERWENT;			
		( bar or psi)	IBM_TDB			

8/8/2009 12:58:06 PM

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